OPC SERVERS

For OPC-Enabled HMI/SCADA

Visualize Your Enterprise

PL-OPCSVR-EURO
Effective April 1, 2006
Prices subject to change without notice

ICONICS OPC Servers

ICONICS OPC Servers are built with ICONICS' version 3.1 OPC ToolWorX, except where noted, and are compliant with OPC Foundation specifications including Data Access 1.0 to 3.0, Alarm and Events 1.0 to 1.2 and OPC XML Data Access.

ALL PRODUCTS AND DOCUMENTATION PROVIDED ON CD-ROM.

Description – Vendor *(All OPC Servers Support Windows 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
ABB SattBus Ethernet OPC Server - Kepware Supports ABB SattCon devices including SattCon 200, SC05-25SB and any device that supports the application protocol "SattBus" and has the SattBus Ethernet interface/module present via Ethernet.	**OPC-KEP SATBE**
ABB SattBus OPC Server - Kepware Supports ABB SattCon PLCs including SattCon 05, SattCon 15, SattCon 31, SattCon 35, SattCon 200, Satt Control OP45 via SattBus ISA card.	**OPC-KEP SATBS**
Adam OPC Server – Prosoft (ICONICS) OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports the following devices: ADAM-4011 / 4011D / 4012 / 4013 / 4014D / 4016 / 4017 / 4018 / M (excepting the data logging feature), ADAM-4021 / 4050 / 4052 / 4053 / 4060 / 4080 / 4080D ADAM-5000 / 485, including: ADAM-5017 / 5018 / 5024 / 5051 / 5052 / 5056 / 5060. Requires driver utility. Contact ICONICS for details.	**OPC-ADAM**
Allen-Bradley DHX Networks OPC Server Suite - Cyberlogic This all-in-one OPC server suite includes device drivers for all Allen-Bradley networks, PLCs and interface cards. Directly supports Allen-Bradley 1784-KT Rev A, 1784-KT Rev B, 1784-KT2, 1784-KTCX Series B, 1784-KTX, 1784-KTXD, 1784-PCMK, 1784-PCMK Series B, 1784-PKTX/A and 1784-PKTXD/A adapters as well as SST 5136-SD Rev 1, 5136-SD Rev 2, 5136-SD-MCA, 5136-SD-PCI and SST-DHP-PCI adapters. **No third party drivers required.** Supports all Allen-Bradley and SST DH, DH+, DH-485 and ControlNet network adapters, Gateway for remote access to all Allen-Bradley networks, ControlLogix Gateway for remote access to Allen-Bradley DH+ through DHRIO, Allen-Bradley Ethernet communications, Serial DF-1 communications and includes a Virtual DHX Driver for enabling 16-bit legacy applications in 32-bit Windows. Supports Allen-Bradley Data Highway, Data Highway Plus, Data Highway Plus, DH-485, Ethernet, EtherNet/IP, DF1, ControlLogix Gateway and DHX Gateway for remote access networks. Supports Allen-Bradley PLC-2, PLC-3, PLC-5, SLC-500, MicroLogix, and ControlLogix and FlexLogix families of PLCs. The DHX OPC Server Suite has integrated fault-tolerant communication features not found in other OPC servers. Multiple, priority-based access paths can be used to build true redundant communication architecture below the server level. The built-in Health Watchdog monitors the health of all network connections to all physical devices. The auto-switching access paths can be configured to quickly redirect communications to an unlimited number of plant-floor devices and networks. Using Auto-configuration and DirectAccess™ features, a user can configure a minimal server setup with a single mouse click and gain access to all the registers in each network node without any user configuration. *DHX OPC Server Suite supports the latest OPC specifications XML Data Access 1.0, Data Access 3.0, 2.05a, 1.0a and Alarms & Events 1.1 and is compliance-certified using the OPC Foundation's compliance program.*	**OPC-CYB DHX Suite**

Description – Vendor (*All OPC Servers Support Windows 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
Allen-Bradley OPC Server Suite – Kepware Supports CONTROLLOGIX 5550, 5555, 5553, 5561, 5562, 5563 via 1756 ENET/ENBT Module or via 1761 NET-ENI; CompactLogix 5300, 5320, 5330 via built-in EtherNet/IP port on processors with E suffix (i.e. 1769-L35E) or via 1761-NET-ENI Series B using Channel 0; SoftLogix 5800 via EtherNet/IP Messaging Module. Supports FlexLogix 5400, 5433, 5434 via 1788-ENBT Ethernet Daughtercard or via 1761-NET-ENI Series B using Channel 0; PLC 5, 5/10, 5/15, 5/20, 5/20C, 5/25, 5/30, 5/40, 5/40C, 5/60, 5/80, 5/80C, via 1756 ENET/ENBT Module Gateway to 1756-DHRIO. Supports DF1 Full and Half Duplex Serial Protocol; PLC5/20E, 5/40E, 5/80E, SLC 5/05 any Ethernet link, via DF1 Full and Half Duplex Serial Protocol. Supports PLC5 Control Net, SLC 500 Fixed I/O Processor via 1756 ENET/ENBT Module Gateway to 1756-DHRIO; SLC 5/01, 5/02, 5/03, 5/04, 5/05 Modular I/O Processors via 1756 ENET/ENBT Module Gateway to 1756-DHRIO or via 1761 NET-ENI. Supports SLC 5/03, 5/04, 5/05 via DF1 Full and Half Duplex Serial Protocol MicroLogix 1000, 1200, 1500 via 1761-NET-ENI, DF1 Full and Half Duplex Serial Protocol. Unsolicited Ethernet is supported by Allen-Bradley PLCs programmed to send PLC-2 type commands. Devices need not be PLC-2's. Consult your hardware-programming manual.	**OPC-KEP ABSTE**
Allen-Bradley Bulletin 900 OPC Server – Kepware Supports A-B Bulletin 900-TC8, A-B Bulletin 900-TC16 and A-B Bulletin 900-TC32 as detailed in Publication 900-UM004A-EN-E – September 2003.	**OPC-KEP ABBL9**
Alstom – SRTP Client / Server – Woodhead Supports SRTP Ethernet protocol compliant PLCs including Alstom C80-35 and C80-75 devices. Can operate as a Client or a Server.	**OPC-SST All-In-One Suite**
Altus – Alnet II Client / Server – Woodhead Supports Alnet II Ethernet protocol compliant PLCs including Altus AL200x and Webgate devices. Can operate as a Client or a Server.	**OPC-SST All-In-One Suite**
Analog Devices OPC Server – Kepware Supports Analog Devices 6B series I/O modules 6B11, 6B12, 6B13, 6B21, 6B50.	**OPC-KEP AD6BS**
Aromat/Matsushita/NAIS Ethernet Link OPC Server – Kepware Supports Aromat Ethernet protocol compliant PLCs FP0, FPM, FP1 C16, FP1 C24, FP1 C40, FP3, FP10SH and any FP series PLC with optional ET-LAN Ethernet unit. Supports any FP series PLC (Aromat Computer Link protocol compliant PLCs) via MEWTOCOL-COM.	**OPC-KEP ARMCL**
AutomationDirect EBC OPC Server – Kepware Supports TERMINATOR I/O, H2-EBC, H2-EBC-F, H4-EBC, H4-EBC-F (use NetEdit to manually configure modules to base), GS1 Drive, GS2 Drive, and DURAPULSE (GS3) Drive via Ethernet.	**OPC-KEP ADEBC**
AutomationDirect / Koyo OPC Server Suite – Kepware Supports PLC Direct Ethernet UDP protocol compliant PLCs DL-05, DL-06, DL-230, DL-240, DL-250, DL-260, DL-430, DL-440, DL-450 (via an Hx-ECOM module) via Ethernet. Supports DirectNET protocol compliant PLCs including DL-05, DL-06, DL-230, DL-240, DL-250, DL-260, DL-330, DL-340, DL-430, DL-440, DL-450 via Koyo DirectNET Hex Mode Protocol over RS-232 or RS-422. Supports Koyo K Sequence protocol compliant PLCs including SG & SL SERIES, DL-05, DL-06, DL-105, DL-230, DL-240, DL-250, DL-260, DL-430, DL-440, DL-450 via Koyo K Sequence over RS-232 or RS-422.	**OPC-KEP ATDRT**
BUSWARE Ethernet I/O OPC Server – Kepware Supports BUSWARE Ethernet RTUs using Modbus OPEN UDP protocol including E200-FB00, E201-8B00, E290-FB00, E151-FB00, E190-8B00, E250-FB00, E300-FB00, E191-CB00, M200-FB00, M290-FB00, M151-FB00, M190-8B00, M181-4B00, M250-8B00, M300-8B00 via Modbus Open Protocol over Ethernet.	**OPC-KEP BUSWR**
Contrex M-Series OPC Server – Kepware Supports the entire line of Contrex M Series motion controllers including M-Cut, M-Rotary, M-Shuttle, M-Track, M-Traverse (8-byte protocol) and M-Drive, M-Trim, ML-Drive, ML-Trim (4-byte protocol) via M-Series Data-Link Protocol (4-byte/8-byte).	**OPC-KEP CTFMS**

Description – Vendor *(All OPC Servers Support Windows 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
Contrex Serial OPC Server – Kepware Supports Contrex CX1000 motion controllers using Binary Data-Link Protocol via RS-232 or RS-485.	**OPC-KEP CTFCX**
Cutler-Hammer OPC Server – Kepware Supports Cutler-Hammer D50/D300 compliant PLCs including D50 & D300 using Cutler-Hammer Hex Mode Protocol via RS-232 or RS-485.	**OPC-KEP CTRHM**
Dataforth isoLynx OPC Server – Kepware Supports all ISOLYNX SLX100 data acquisition systems via ISOLYNX protocol over serial lines and Ethernet.	**OPC-KEP DFILX**
DeviceNet (Hilscher Universal Driver) - Kepware The DeviceNet Device Driver works in conjunction with our OPC Server KEPServerEX to provide data exchange between OPC Clients and Hilscher Communications Interface (CIF) cards. Data available through the OPC Server include I/O and diagnostics information. Currently supported CIF cards include DeviceNet Master and Profibus DP Master. *The driver requires Hilscher's system configuration software, SyCon, to be installed on the same machine as the OPC Server.*	**OPC-KEP HILUN**
Fuji Flex OPC Server – Kepware Supports Fuji Flex PLCs including NB0, NB1, NB2, NB3, NJ, NS using Fuji Computer Link via RS-232 and RS-485.	**OPC-KEP FUJFX**
GE Fanuc OPC Server Suite – Kepware Supports GE PLCs including Series 90-30 311, 313, 331, 341 and Series 90-70 731, 732, 771, 772, 781, 782, Series Five, Series Six CCM2 (including Expanded I/O) using GE CCM via RS-232 or RS-485. Special Series Six support includes access to the expanded I/O area of the PLC. Supports GE PLCs including Series 90-30 311, 313, 331, 341, 350, 360, Series 90-70 731, 732, 771, 772, 781, 782, GE OPEN (Wide range model support), Horner OCS (Horner's Operator Control Stations), Versamax Family via Ethernet. This OPC Server is fully integrated with VersaPro™ and Logic Developer™ programming packages. A smart tag import wizard makes loading all of the tags in your PLC application a two second operation allowing simple access to all of your application data for any OPC and DDE enabled program. Supports all GE devices equipped to handle Ethernet Global Data transactions (EGD Unicast and Multicast packets) including Series 90-30 with EGD support, Series 90-70 with EGD support via Ethernet. These devices require a CPU-364 or higher. This driver is also compatible with any device that supports EGD protocol. Supports GE PLCs including Series GE Micro, Series 90-30 311, 313, 331, 341, 350, 360, Series 90-70 731, 732, 771, 772, 781, 782, GE OPEN (Wide range model support) via GE SNP and GE SNPX protocol over RS-232 and RS-422. . This OPC Server is fully integrated with VersaPro™ and Logic Developer™ programming packages. A smart tag import wizard makes loading all of the tags in your PLC application a two second operation allowing simple access to all of your application data for any OPC and DDE enabled program.	**OPC-KEP GEFNC**
GE Fanuc/Alstom–SNP-X (90-XX and 80-XX Series), Master – Woodhead Supports GE PLCs including Series 90-30 and Series 90-70 via GE SNPX protocol over RS-232.	**OPC-SST All-In-One Suite**
GE Fanuc – SRTP Client / Server – Woodhead Supports GE PLCs including Series C90-30 and Series C90-70 via SRTP Ethernet protocol. Can operate as Client or Server.	**OPC-SST All-In-One Suite**
GE Focas1 OPC Server – Kepware Supports GE CNC controllers of the I series including FANUC Series 15i – Model A, 16i – Model A, 18i – Model A, 21i – Model A and FANUC Power Mate I – Model D, Model H via TCP/IP (supports the new Unsolicited communications mode of the Fast Ethernet card) Note: This driver uses and requires the Focas1 Ethernet interface library available from GE Fanuc for full online operation. The driver allows development of application without the library.	**OPC-KEP GEFCS**
Honeywell OPC Server Suite – Kepware Supports Honeywell HC900 hybrid controllers using Modbus TCP/IP protocol via Ethernet. Supports Honeywell UDC controllers including Honeywell UDC 3000 and 3300 (MODB3K mode) using Modbus RTU Protocol with Honeywell UDC extensions via RS-232, RS-422 or RS-485.	**OPC-KEP HYSTE**
IA Super SEL OPC Server – Kepware Supports Intelligent Actuator's Super SEL Type E & G Controllers and the X-Sel Controllers IA Super SEL Controllers (Type E & G) and X-Sel Controllers via Serial Communication Protocols.	**OPC-KEP IASEL**

Description – Vendor (*All OPC Servers Support Windows 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
Idec Computer Link OPC Server – Kepware Supports Idec Computer Link compliant PLCs including Micro1, Micro3, MicroSmart, OpenNet, FA2J, FA2, FA3S-CP11, FA3S-CP12 via Idec ASCII Protocol over RS-232 or RS-485.	**OPC-KEP IDCCL**
Iotech PointScan 100 OPC Server – Kepware Supports PointScan Ethernet RTUs including Iotech PointScan 100 and 200 modules (connected through a PointScan 100 module) via Modbus OPEN UDP protocol over Ethernet.	**OPC-KEP IOTPS**
Krauss-Maffei MC4 Ethernet – Kepware Supports compliant Krauss-Maffei MC4-Injection Molding Machines including MC4 via TCP/IP transport protocol.	**OPC-KEP KRMFE**
Micro-DCI OPC Server – Kepware Supports Fischer & Porter MicroDCI controllers including 53MC1000, 53MC2000, 53MC4000, 53MC5000 via Micro-DCI DataLink Protocol over RS-232 or RS-485. Binary mode switching through the configuration port is supported.	**OPC-KEP FPMDC**
Mitsubishi A Series Serial OPC Server – Kepware Supports Mitsubishi all Serial and A Series PLCs including A61PEU, A62PEU, A61P-UL, A273UHCPU, A273UHCPU-S3, A272B, A275B, A278B, A273EX, A278LX, MR-HENC, A171SCHPUN, A172SCHPUN, A173UHCPU (-S1), A172B, A175B, A178B, A178B-S1/S2/S3, A172SENC via the AJ71C24 communications Card (Format 1 with Checksum Enabled) over RS-232 or RS-422.	**OPC-KEP MITSU**
Mitsubishi CNC Ethernet OPC Server – Kepware Supports the Mitsubishi C64 CNC Controller using Ethernet.	**OPC-KEP MITSU**
Mitsubishi Ethernet OPC Server – Kepware Supports all Mitsubishi A and Q Series PLCs via the AJ71E71 family of communication card using Ethernet.	**OPC-KEP MITSU**
Mitsubishi – Melsec Client / Server – Woodhead Supports all Mitsubishi A and Q Series PLCs using Ethernet.	**OPC-SST All-In-One Suite**
Mitsubishi FX OPC Server – Kepware Supports Mitsubishi FX PLCs including FX, FX0, FX0N, FX2N via Direct Serial over RS-232 and RS-422.	**OPC-KEP MITSU**
Mitsubishi FX Net OPC Server – Kepware Supports Mitsubishi FX PLCs including FX, FX2C, FX0N, FX2N connected via FX NET (Format 1, Checksum) over RS-232 or RS-422.	**OPC-KEP MITSU**
Modbus ASCII & RTU, Master / Slave – Woodhead Supports any devices, which are compatible with the Modbus RTU or ASCII protocols. Can operate as Modbus Master or Slave station over RS-232.	**OPC-SST All-In-One Suite**
MODBUS DA & AE OPC Server – ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports: Any compatible Modbus device. ***Has Alarm & Event Server 1.0 built in!***	**OPC-MODBUS V3**
MODBUS DA Only OPC Server – ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports any devices, which are compatible with the Modbus RTU or ASCII protocols.	**OPC-MODBUS**
MODBUS Ethernet OPC Server – ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports Momentum & Quantum series PLCs via Ethernet connection.	**OPC-MODBUS ETHERNET**
Modicon Networks MBX OPC Server Suite – Cyberlogic This all-in-one OPC server suite includes the worldwide standard communication drivers for Modbus. Supports all Modicon Modbus Plus network adapters, Gateway for remote access to all Modicon networks, Modbus Ethernet TCP/IP communications, Serial Modbus RTU & ASCII communications and includes a Virtual MBX Driver for enabling 16-bit legacy applications in 32-bit Windows. Supports Modicon 184, 384, 484, 584, 884, 984, Micro 84, Modcell, Quantum, Momentum families of PLCs as well as any Modbus compatible device. Supports Modicon SA-85-00, SA-85-02 (Dual Channel), SM-85, AT-984-AT0, AT-984-AT2, AT-984-AT4, MC-984, Atrium, PCI-85 (416NHM30030), PCI-85 (416NHM30032) (Dual Channel), PCMCIA (416NHM21200) (Type II), PCMCIA (416NHM21203) (Type III) and PCMCIA (416NHM21234) (Type III PnP) adapters.	**OPC-CYB-MBX**

Description – Vendor (*All OPC Servers Support Windows 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
The MBX OPC Server Suite has integrated fault-tolerant communication features not found in other OPC servers. Multiple, priority-based access paths can be used to build true redundant communication architecture below the server level. The built-in Health Watchdog monitors the health of all network connections to all physical devices. The auto-switching access paths can be configured to quickly redirect communications to an unlimited number of plant-floor devices and networks. Using Auto-configuration and DirectAccess™ features, a user can configure a minimal server setup with a single mouse click and gain access to all the registers in each network node without any user configuration. *MBX OPC Server Suite supports the latest OPC specifications XML Data Access 1.0, Data Access 3.0, 2.05a, 1.0a and Alarms & Events 1.1 and is compliance-certified using the OPC Foundation's compliance program.*	
Open Modbus TCP, Client / Server – Woodhead Supports Schneider – Modbus Ethernet protocol compliant PLCs including Modbus Ethernet. Can operate as a Client or a Server.	**OPC-SST All-In-One Suite**
Modicon Modbus OPC Server Suite - Kepware Supports Modbus ASCII protocol compliant PLCs and Devices including any Modbus ASCII™ Compliant PLC, Any service supporting Modbus ASCII, Flow Computers (using the Daniels/Omni/Elliot register addressing) via RS-232 or RS-422. Supports Modbus Ethernet protocol compliant PLCs including Modbus Ethernet, Modicon Mailbox, Fluenta FGM, Roxar RFM, Instromet via IP addressing (Ethernet). Supports Modicon Ethernet to Modbus Plus bridging, Multiple or Single socket usage for better gateway resource management and Tag import from Concept and ProWORX programming packages. Supports Modbus Plus protocol compliant PLCs via up to four SA85 cards in one PC including SA85-PCI Interface card, SA85 (-002 and -001) PC Interface Cards and SA85-PCMCIA (Windows95 only). Note: The following SA85 cards are supported Modbus Plus ISA PC Adapter Card (Schneider part#: AM-SA85-030), Modbus Plus PCI PC Adapter Card (Schneider part#: 416 NHM 300 30), Modbus Plus Type II PCMCIA Card (Schneider part#: 416 NHM 212 30), Modbus Plus Type III PCMCIA Card (Schneider part#: 416 NHM 212 33) and Modbus Plus Type III PnP PCMCIA Card (Schneider part#: 416 NHM 212 34) Supports Modbus RTU protocol compliant PLCs and Devices including Modbus compatible devices, Elliott Flow Computer, Magnetek GPD 515 Drive, Omni Flow Computer, Daniel S500 Flow Computer, Dynamic Fluid Meter via serial RS-232 or RS-422. Note: Special handling has been added to support the native memory formats of the Omni Flow computer including string support. Additional configuration parameters allow this driver to tailored to a wide range of Modbus RTU compatible devices including JBUS. Supports Modbus RTU Slave mode, which allows an OPC client application to appear as a Modbus RTU addressed (1 to 247) device on the network. The slave mode allows the server to receive data by exception from a Modbus RTU master. Typical applications include connectivity with larger DCS systems that utilize Modbus RTU.	**OPC-KEP MDBUS**
Moeller OPC Server - ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports PS4-141, PS4-151, PS4-201, PS4-341, PS416-CPU-200/300/400 utilizing the SUCOM-A serial protocol. **Supports Windows NT/2000/XP only.**	**OPC-MOELLER**
Moore Procidia Modbus OPC Server – Siemens Moore (ICONICS) OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Requires Moore Products 32 bit APACS API & MODULBUS Interface (MBI) card installed in the host computer. Supports Moore Products ACM Modules.	**OPC-PROCIDIA MODBUS**
Moore Procidia LIL OPC Server – Siemens Moore (ICONICS) OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. The server communicates to the MYCRO Instrument Link, which provides communication to a station connected to the Moore Model 320 LIL.	**OPC-PROCIDIA LIL**
Omron OPC Server Suite - Kepware Supports Omron FINS protocol compliant PLCs and Sysmac Link operation to access additional PLCs via the Sysmac Net including C200H, C200HE, C200HE-Z, C200HG, C200HG-Z, C200HS, C200HX, C200HX-Z, C500, C1000H, C2000H, CQM1H, CS1G, CS1H, CV500, CV1000, CV2000, CVM1-V2 via UDP/IP over Ethernet, FINS Gateway for Sysmac Link and Sysmac Net access and Auxiliary Relay. -Supports Omron Host Link protocol compliant PLCs including C20H, QM1, CQM1, C200, C200H, C500, C1000, Open via RS-232 or RS-422. -Supports Omron Temperature Controllers including E5AX-A, E5AX-AH, E5AX-DAA, E5AX-PRR, E5AX-VAA, E5AF-A, E5AF-AH, E5AJ-A, E5EJ-A, E5CN (thermocouple), E5CN (platinum resistance thermometer), E5GN (thermocouple) and E5GN (platinum resistance thermometer) via Sysway. -The Omron Toolbus Driver was designed to plug into our industrial based communications server product. This product supplies reliable data access to any HMI, SCADA, Historian, or Enterprise application that supports OPC, DDE, FastDDE, and SuiteLink.	**OPC-KEP OMRNF**

Description – Vendor (*All OPC Servers Support Windows 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
Omron – FINS (C, CV, CS), Client / Server – Woodhead Supports Omron FINS protocol compliant PLCs via the Sysmac Net including C, CS and CV Series via Ethernet.	**OPC-SST All-In-One Suite**
Optimation OptiLogic OPC Server - Kepware Supports OptliLogic Ethernet RTUs including OL4054, OL4058, OL2208, OL2211, OL2201, OL2108, OL2109, OL2111, OL2408, OL2418, OL2252, OL3406, OL3420, OL3440, OL3850 via Ethernet (UDP protocol).	**OPC-KEP OPTLG**
Partlow ASCII OPC Server - Kepware Supports Partlow ASCII protocol compliant devices including MIC 1160, 1161, 1400, 1401, 1460, 1800, 1801, 1810, 2000, 3200, 6000 and MRC 7000, 7700, 8000 via RS-232 or RS-422.	**OPC-KEP PTLWA**
Philips P8/PC20 OPC Server - Kepware Supports Philips PLCs including PC20 (using the CI21 or VI21 card), MC30 ((using the CI30 card), MC31, MC41, ISCOS 10, ISCOS 60, ISCOS 70 via Philips Programmable Controller Communication Protocol (PPCCOM) over RS-232.	**OPC-KEP PHLPS**
Profibus (Hilscher Universal Driver) - Kepware The Hilscher Universal device driver provides data exchange between OPC clients and Hilscher Communications Interface (CIF) cards (Profibus DP Master). Data available through the OPC Server include I/O and diagnostics information. The driver requires Hilscher's system configuration software, SyCon, to be installed on the same machine as the OPC Server.	**OPC-KEP HILUN**
SattBus Ethernet - Kepware The SattBus Ethernet device driver provides data exchange between OPC clients and Sattcon devices communicating via the SattBus Ethernet interface. A standard Ethernet interface is used as the hardware for connecting PC's to a SattBus system with Ethernet capability.	**OPC-KEP SATBE**
SattBus Serial - Kepware The SattBus Serial device provides data exchange between OPC Clients and Sattcon PLCs. The SattBus PC-board is used as the hardware interface for connecting PC's to a SattBus system. The SattBus PC-board is implemented as a standard I/O channel board. The PC-board is equipped with a dual port RAM chip that is mapped into the host processor memory area.	**OPC-KEP SATBS**
Scanivalve Ethernet OPC Server - Kepware Supports Scanivalve Ethernet protocol compliant PLCs including DSA3200, DTS3250 via Ethernet.	**OPC-KEP SCNVE**
Schneider – Uni-Telway Slave, Client / Server – Woodhead Supports Schneider Unit-Telway protocol compliant PLCs including TSX 17, 37, 57 Series. Can act as a Client or a Server operating in Slave mode.	**OPC-SST All-In-One Suite**
Schneider – UNI-TE Client / Server – Woodhead Supports Schneider Unit-Telway Ethernet protocol compliant PLCs including Premium and Micro Series. Can act as a Client or a Server.	**OPC-SST All-In-One Suite**
Siemens S5 OPC Server - Kepware Supports Siemens S5 PLCs including Siemens S5 - 90U, 95U, 100U – 100, 100U - 101, 100U - 103, 101U, 115U - 941, 115U – 942, 115U – 943, 115U – 944, 115U – 945, 135U – 921, 135U – 922, 135U – 928, 155U – 946, 155U - 947 using AS511 Current Loop via a direct connection to the programming port of the PLC with the programming cable or RS-232.	**OPC-KEP SMS5A**
Siemens – AS511 (Simatic S5 Series), Master – Woodhead Supports Siemens S5 PLCs including Siemens Simatic S5 Series using AS511 Current Loop via a direct connection to the programming port of the PLC with the programming cable or RS-232. Can only operate as a Master.	**OPC-SST All-In-One Suite**
Siemens – Industrial Ethernet, Client / Server – Woodhead	**OPC-SST All-In-One Suite**
Siemens S5 3964R OPC Server - Kepware Supports Siemens S5 PLCs including 115U – 941, 115U – 942, 115U – 943, 115U – 944, 115U – 945, 135U – 921, 135U – 922, 135U – 928, 155U – 946, 155U - 947 via a communications processor card (such as the CP 544) configured to use the 3964R, or 3964 protocols and the RK 512 computer link. Multiple CPU systems are supported.	**OPC-KEP SMS5R**
Siemens S7 MPI OPC Server - Kepware Supports Siemens S7-300 and S7-400 PLCs using the Multi Point Interface (MPI) S7-300/400 serial port adapter (Siemens part #6ES7 – 972 – OCA23 – OXAO).	**OPC-KEP SMS7M**
Siemens S7 200/300/400 TCP/IP Ethernet OPC Server - Kepware Supports Siemens S7-200, S7-300 and S7-400 PLCs using TCP/IP Ethernet protocol. Supports Siemens S7-300 and S7-400 PLCs using the NetLink adapter cable. The NetLink adapter provides a low cost method of accessing either a Siemens S7-300 or S7-400 PLC via Ethernet without the need of the CP343 or CP443 communications card. NetLink offers a considerable savings for budget conscience projects.	**OPC-KEP SMS7E**
Siemens S7 200 OPC Server - Kepware Supports Siemens S7-200 PLCs including S7-212, S7-214, S7-215, S7-216, S7-224 or any Siemens S7-200 devices using PPI (11Bit) or PPM (10Bit) protocol via RS-232 or RS-485. Direct support for the EM241 Modem Module.	**OPC-KEP SMS7P**

Description – Vendor *(All OPC Servers Support Windows 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
Siemens – PPI/PPI+ (Simatic S7-200 Series), Master – Woodhead Supports Siemens S7-200 PLCs or any Siemens S7-200 devices using PPI (11Bit) or PPM (10Bit) protocol via RS-232 or RS-485.	**OPC-SST All-In-One Suite**
Siemens TIWAY Host Adapter OPC Server - Kepware Supports all Simatic/TI TIWAY compatible controllers and Siemens TIWAY compatible PLCs using TIWAY 1, TIWAY 1 UNILINK Host Adapter over the Non-Intelligent Terminal Protocol (NITP) including TIWAY Secondary Devices. Supports up to 254 stations.	**OPC-KEP SIUTW**
Siemens – Ti Dir (Simatic Ti-505 Series), Master – Woodhead Supports Simatic/TI 505 Series compatible controllers and PLCs.	**OPC-SST All-In-One Suite**
Siemens Simatic 505 Ethernet OPC Server - Kepware Supports Siemens Simatic 505 PLCs including TI 525 (via CP2572 Ethernet), TI 545, TI 555, TI 565 (via CP2572 and CP2572A Ethernet, CP1434-TCP) via User Datagram Protocol (UDP), Transfer Control Protocol (TCP) or Ethernet.	**OPC-KEP SM55E**
Siemens Simatic 505 Serial OPC Server - Kepware Supports Siemens Simatic 505 PLCs including TI 520, 525, 535, 545, 555, 565, 575 via Non-Intelligent Terminal Protocol (NITP) or Transparent Byte protocol (TB).	**OPC-KEP SM505**
SIXNET EtherTRAK OPC Server - Kepware Supports SIXNET EtherTRAK RTUs including Master Open, Slave, all SIXNET EtherTRAK I/O, SIXNET RemoteTRAK I/O, SIXNET VersaTRAK RTUs, SIXNET SIXTRAK gateways using both SIXNET UDR (Universal Driver) protocol over serial lines and Modbus OPEN UDP protocol over Ethernet.	**OPC-KEP SIXET**
SquareD SY/MAX OPC Server - Kepware Supports SquareD PLCs including SY/MAX Programmable Controllers and SquareD PowerLogic monitors via SY/MAX Point-to-Point Communications Protocol over RS-232 or RS-422.	**OPC-KEP SQRDS**
Telemecanique Unitelway OPC Server - Kepware Supports Telemecanique Unitelway protocol compliant PLCs including TSX 07, TSX 17, TSX 37, TSX 47, TSX 57, Small Frame, Large Frame via Unitelway RS-485.	**OPC-KEP TLMUW**
ThermoWestronics Ethernet OPC Server - Kepware Supports SV100 and SV180 Data Acquisition systems using TCP/IP (ETHERNET) SV100 & SV 180, (SERIAL) SERIES 1200/1600/3000, SM100, SV100, & SV180 using Modbus Ethernet.	**OPC-KEP THWSV**
TIWAY Host Adapter OPC Server - Kepware Supports all Simatic/TI TIWAY compatible controllers and Siemens TIWAY compatible PLCs using TIWAY 1, TIWAY 1 UNILINK Host Adapter over the Non-Intelligent Terminal Protocol (NITP) including TIWAY Secondary Devices. Supports up to 254 stations.	**OPC-KEP SIUTW**
Toshiba OPC Server Suite - Kepware Supports Toshiba ASCII Computer Link compliant PLCs link including all T2 series models with Ethernet option/card and all T3 series models with Ethernet option/card via Ethernet. Supports Toshiba ASCII Computer Link compliant PLCs including EX100, EX200, T1-16, T1-28, T1-40, T1 Super, T2, T3, T3H series models via RS-232 or RS-422.	**OPC-KEP TSBEN**
TOYOPUC Ethernet PC3/PC2 OPC Server - Kepware Supports TOYOPUC (Programmable Controller) PC3 and PC2 Ethernet compliant PLCs including PC3/PC2 Interchange, PC3 Device via TOYOPUC PC3/PC2 Ethernet Computer Link Protocol over Ethernet.	**OPC-KEP TYP3E**
TOYOPUC PC2 Serial OPC Server - Kepware Supports TOYOPUC Computer Link compliant PLCs including PC2 Series or any Computer Link compatible device via Computer Link over RS-232, RS-422 or Multi-drop RS485 (1 to N).	**OPC-KEP TYPCL**
Triconex Ethernet - Kepware The Triconex device driver works in conjunction with our OPC Server KEPServerEX to provide data exchange between OPC Clients and Tricon and Trident controllers.	**OPC-KEP TRCXE**

Description – Vendor (*All OPC Servers Support Windows 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
WAGO Ethernet OPC Server - Kepware Supports WAGO Ethernet I/O including 750-342 Buscoupler for Ethernet TCP/IP & 750- Programmable Fieldbus Controller for Ethernet TCP/IP via Modbus Open Protocol over Ethernet.	**OPC-KEP WAGOE**
Yaskawa Memobus Plus OPC Server - Kepware Supports Memobus Plus protocol compliant Yaskawa PLCs including SA85-PCI, SA85-001, SA85-002, SA85-PCMCIA (Windows95 only - Requires the Modicon MBPLUS.VXD driver) using up to four SA85 cards in one PC.	**OPC-KEP YKWMP**
Yaskawa MP Ethernet OPC Server - Kepware Supports Yaskawa MP 920 PLCs including Yaskawa MP 920 Series CPU (equipped with 218IF Ethernet communication modules) via Ethernet TCP/IP Communications.	**OPC-KEP YKWME**
Yokogawa Darwin OPC Server - ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports DA2500/HR2500, HR2400, MICROR, VR, MICROS Series. Communicates using RS232, RS422 GP-IB and Ethernet.	**OPC-DARWIN**
Yokogawa Green Series OPC Server - ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports Yokogawa Green Series UM 300 Series, UP 300 Series, UT 300 Series, UP 500/700 Series, UT 500/700 Series. Also Supports DA2500/HR2500, HR2400, MICROR, VR, MICROS Series. Communicates using RS232 and Ethernet.	**OPC-GREEN SERIES**
Yokogawa Green Series - Kepware The Yokogawa Green Series Controller Serial Device Driver was designed to plug into the Kepware industrial based communications server product. This product supplies reliable data access to any HMI, SCADA, Historian, or Enterprise application that supports OPC, DDE, FastDDE, and SuiteLink. This driver is intended for use with Controller communication devices such as UT37, UT38, and UP27 as well as devices that support the standard PCLink communications protocol.	**OPC-KEP YKGRN**
Yokogawa OPC Server Suite - Kepware Supports Yokogawa CX 1000/2000 Control systems including CX1006, CX1206, CX2010, CX2020, CX2210, CX2220, CX2410, CX2420, CX2610, CX2620, via Ethernet TCP Communications. Supports Yokogawa Darwin Data Acquisition systems including DA100-1, DA100-2, DR131, DR231, DR232, DR241, DR242, DC100-1, DC100-2 via Ethernet TCP/IP Communications. Supports Yokogawa DX 100/200 Data Acquisition systems including DX102, DX104, DX106, DX112, DX204, DX208, DX210, DX220, DX230, MV100, MV200 via Ethernet TCP communications. Supports Yokogawa DX 100/200 Data Acquisition systems including AX100, DX102, DX104, DX106, DX112, DX204, DX208, DX210, DX220, DX230, MV100, MV200 via RS-232 or RS-422/485 serial communications. Supports Yokogawa DXP 100/200 Data Acquisition systems including DXP100, DXP200 via Ethernet TCP communications. Supports Yokogawa HR 2400 Data Acquisition systems and Data Recorder devices including HR 2400 (10Channels), HR 2400 (20Channels), HR 2400 (30Channels) via RS-232 or RS-422/485 communications.	**OPC-KEP YKWDE**
Yokogawa MX Ethernet - Kepware The Yokogawa MX device driver works in conjunction with our OPC Server KEPServerEX to provide data exchange between OPC Clients and Yokogawa MX 100 Data Acquisition devices using TCP/IP.	**OPC-KEP YKWDE**
Yokogawa YS100 Serial - Kepware The Yokogawa YS100 Serial Device Driver was designed to plug into our industrial based communications server product and is intended for use with the Yokogawa YS100 family of serial devices.	**OPC-KEP YKCTL**

Notes: All Kepware drivers with Serial Protocols have Modem Support, OPC Data Access Version 1.0a and 2.05a.

Special OPC Servers

Description – Vendor *(All OPC Servers Support Windows 95 / 98 / NT / 2000 / XP / Server 2003 unless noted)*	**Model Number**
DATA Store OPC Server - ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports both DA and A&E. Read and Write OPC data to Microsoft Access Databases.	**OPC-DataStore**
Advanced Simulator Driver – Kepware The Advanced Simulator Driver was designed to plug into Kepware's industrial based communications server product. This driver provides single-point access to multiple ODBC data sources via ODBC. The driver simulates live data by traversing through all the records in a selected table at a rate set by the user.	**OPC-KEP ADVSM**
DDE OPC Server - ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Supports all DDE protocol communication servers.	**OPC-DDE**
DDE Client Driver - Kepware Supports legacy DDE Server applications that support the standard "CF TEXT" DDE data format. Can be used with any DDE server that supports standard Microsoft DDE.	**OPC-KEP DDECC**
GENESIS for Windows & GENESIS for DOS OPC Server - ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver. Provides OPC Tag Browsing, OPC Ranging and includes an OPC client test application. Provides OPC data communications to any GENESIS for DOS GEN-NET or GEN-NODE system or GENESIS for Windows, RTS, I/O Servers to/from GENESIS32 or 3rd party OPC clients. Requires GFW Project Manager. **Supports Windows 95/98/NT only.**	**OPC-GEN**
InTouch Client Driver / OPC Server - Kepware Supports exposing Wonderware InTouch tag databases to OPC clients. Wonderware InTouch 7.1 or higher is required. InTouch 7.11 and higher cannot be installed on Windows 98 systems. **Windows NT/2000/XP only**	**OPC-KEP WWINT**
ODBC Client Driver - Kepware Supports read and write to Microsoft Access, Microsoft SQL, Oracle and Sybase databases via ODBC API. Provides single-point access to multiple ODBC data sources via ODBC (Open DataBase Connectivity). The goal of ODBC is to make it possible to gather any data from any application, regardless of which database management system (DBMS) is handling the data. Required: MDAC - Microsoft Data Access Components.	**OPC-KEP ODBCI**
Simulator DA & AE OPC Server - ICONICS OPC compliant, 32 bit, multi-threaded Windows based device driver, which can operate stand-alone or supply direct interface to GENESIS32 OPC Client Application Modules or OPC connection to other 3rd Party OPC applications. Provides OPC Tag Browsing, OPC Ranging. Provides simulated data for both OPC Data Access and OPC Alarms & Events. Includes ramp, sine, square wave, saw tooth and many other simulated signals.	**OPC-SIMULATOR**
User-Configurable Driver (U-CON) OPC Server - Kepware Quickly and easily develop communications drivers for any Serial or Ethernet device. Supports OPC 1.0 AND 2.0 with Tag Browsing, Automatic Tag Database generation, DDE Support, NT Service support, Diagnostics, and Event Logging are included. Development of a driver profile requires access to the protocol documentation of the target device. A working understanding of general device communications is highly recommended.	**OPC-KEP UCOND**

Note: All Kepware drivers with Serial Protocols have Modem Support, OPC Data Access Version 1.0a and 2.05a.

Windows CE OPC Servers

€ when purchased with a PanelWorX license

Description – Vendor (*All OPC Servers Support Windows 95 / 98 / NT / 2000 / XP / Server 2003 unless noted*)	**Model Number**
Allen-Bradley OPC Server CE - ICONICS Allen Bradley PLC5, SLC5xx, MicroLogix & ControlLogix 5550 PLCS through DF1 RS232 Serial, DH+ via 1770-KF2 interfaces, DH-485 via 1747-KE or 1770-KF3 interfaces and TCP/IP Ethernet networks. Does NOT require AB RSLinx. Works with SH3/4, MIPS, X86	**OPC-AB CE**
Allen-Bradley DF1 CE - ICONICS Allen Bradley PLC5, SLC5xx, MicroLogix & ControlLogix 5550 PLCS - DF1 RS232 Serial	**OPC-AB DF1 CE**
Modbus OPC Server CE - ICONICS Modbus Serial ASCII/RTU & Modbus TCP/IP Ethernet to Modicon Quantum, 984, Momentum, and other Modbus compatible devices. Works with SH3/4, MIPS, X86. Modbus Plus support via PC104 cards available on X86 based CE platforms (only).	**OPC-MODBUS CE**
Modbus Serial OPC Server CE – ICONICS Modbus Serial ASCII/RTU and other Modbus compatible devices	**OPC-MODBUS SER CE**
Modbus Ethernet OPC Server CE - ICONICS Modbus TCP/IP Ethernet to Modicon Quantum, 984 & Momentum PLCs	**OPC-MODBUS ETH CE**

Note: All Kepware drivers with Serial Protocols have Modem Support, OPC Data Access Version 1.0a and 2.05a.